Emmanuel Satria Anugrah Dewangga

ID: 3578282205030001

Work permit: Indonesian

Date of birth: 22/05/2003

Place of birth: Kota Surabaya, Indonesia

Nationality: Indonesian

CONTACT

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WORK EXPERIENCE

Freelance Kota Surabaya, Indonesia

Embedded systems software developers
01/08/2024 – Current
1. Designed and developed an integrated management and ERP system with IoT devices (ESP32).
2. Implemented WebSocket communication for real-time control between the server and the device.
3. Programmed ESP32 firmware: Wi-Fi management, communication protocols, and I/O control.
4. Developed technical documentation, deployment guides, and troubleshooting procedures for the operational team.

PT Multi Spunindo Jaya Tbk Sidoarjo, Indonesia

Web Developer Intern
01/02/2025 – 10/07/2025
1. Designed and built a website according to company requirements, which were agreed upon in a scheduled meeting.
2. Developed a blueprint for website documentation and assisted with implementation according to company requirements.
3. Involved in the deployment process to internal servers.

Telkom University Surabaya Kota Surabaya, Indonesia

Teaching assistant in universities
01/08/2024 – Current
1. Algorithm & Programming, Informatics Study Program, Excellent Grade.
2. Algorithm & Programming, Information Systems Study Program, Excellent Grade.
3. Algorithm & Programming 2, Informatics Study Program, Excellent Grade.

EDUCATION AND TRAINING

01/08/2022 – CURRENT Kota Surabaya, Indonesia

S.kom Telkom University Surabaya

Website https://smb.telkomuniversity.ac.id/surabaya/ | **Field of study** Information and Communication Technologies (ICTs) not further defined | **Level in EQF** EQF level 6

LANGUAGE SKILLS

MOTHER TONGUE(S): Indonesian

Other language(s):

English

Listening B1	**Spoken production** A2
Reading A2	**Spoken interaction** A1
Writing A2	

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

troubleshoot | understand spoken English | communication | firmware | tools for software configuration management | understand written English | programming, software engineering, software development | network engineering